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Date: June 6, 2003

Christine M. Spivey

**PATENT**  
36856.453

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Takashi MIZUGUCHI et al.	Art Unit: 2878
Serial No.: 09/816,898	Examiner: Unknown
Filed: March 23, 2001	
Title: METHOD FOR ADJUSTING FREQUENCY OF ELECTRONIC COMPONENT	

INFORMATION DISCLOSURE STATEMENT

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Dear Sir:

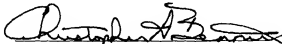
Pursuant to 37 C.F.R. § 1.56, submitted herewith are copies of two (2) references cited in the enclosed Examination Report issued in a corresponding Japanese Patent Application. For the Examiner's convenience, we have enclosed an English translation of the Japanese Examination Report from the corresponding Japanese Patent Application and a completed Form PTO-1449. The statement is not a representation that all of the information cited is necessarily effective as prior art against the Application.

I hereby state that each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than 3 months prior to the filing of this statement, and that this is the first citation of these prior art references by a foreign patent office in a counterpart foreign patent application. Accordingly, no fee is necessary for the filing of this statement. Should the Commissioner determine otherwise, the Commissioner is authorized to charge Deposit Account No. 50-1353 for any fee shortages, including the petition fee under 37 C.F.R. § 1.17(p).

Applicants respectfully request that the disclosed references be made of record in the subject application.

Respectfully submitted,

Date: June 6, 2003



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FORM PTO-100 (MODIFIED) JUN 10 2003		ATTY. DOCKET NO. 36856.453		SERIAL NO.: 09/816,898	
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION (ENCLOSURE STATEMENT)		APPLICANT(S): Takashi MIZUGUCHI et al.			
(USE SEVERAL SHEETS IF NECESSARY)					
Sheet	1	of	1	FILING DATE: March 23, 2001	GROUP: 2878
U.S. PATENT DOCUMENTS					
Examiner Initial	Document Number	Date	Name	Class	Filing Date Subclass if appropriate
	AA				
	AB				
	AC				
	AD				
	AE				
	AF				
FOREIGN PATENT DOCUMENTS					
	Document Number	Date	Country	Class	Filing Date Subclass if appropriate
	AG 1-316472 (With English Abstract)	12/1989	Japan		
	AH 6-116709 (With English Abstract)	4/1994	Japan		
	AI				
	AJ				
	AK				
	AL				
	AM				
	AN				
	AO				
OTHER ART (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)					
	AP				
	AR				
	AS				
	AT				
EXAMINER	DATE CONSIDERED				

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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DP000076

Dispatch No. 153163

Date of Dispatch: May 13, 2003

1/2

[Stamp: Miyazaki, 5/14/03, Mototsugu]

## NOTIFICATION OF REASONS FOR REJECTION

Patent Application No.: Patent Application No. 2000-097370  
Draft Date: May 1, 2003  
Patent Office Examiner: Minoru Shimizu 8525 5W00  
Agent of Patent Applicant: Chikara Miyazaki  
Applicable Sections: Section 29 (2)

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The present application should be rejected for the following reasons. If you have an opinion concerning this, please submit a statement of opinion within 60 days of the date of dispatch of this notification.

## Reasons

The inventions claimed in the following claims of the present application are inventions that could easily have been invented prior to the filing of the application by a person having an ordinary knowledge of the technical field to which the inventions belong on the basis of inventions described in Publications 1 through 3 below, which were disseminated in Japan or in foreign countries prior to the filing of the application. Thus, in accordance with the provisions of Section 29 (2) of the Patent Law, these inventions cannot be patented.

## Note

Regarding the Inventions of Claims 1 and 2:

Cited Example 1: Japanese Patent Application Kokai No. H6-57451

Cited Example 2: Japanese Patent Application Kokai No. H6-116709

It is indicated in Cited Example 2 that an ion gun is caused to move parallel to the film formation surface of the substrate in order to perform uniform etching. Therefore, it would be easy for a person skilled in the art to use the technique described in Cited Example 2 in the electronic component frequency adjustment method described in Cited Example 1 as well for the same purpose.

Regarding the Invention of Claim 4:

Cited Example 1: and

Cited Example 3: Japanese Patent Application Kokai No. H1-316472

It is indicated in Cited Example 3 that for the purpose of achieving uniform etching, the direction of the ion beam flow is controlled by the magnetic field, thus enabling uniform irradiation with an ion beam. Therefore, it would be easy for a person skilled in the art to use the technique described in Cited Example 3 for the same purpose in the electronic component frequency adjustment method described in Cited Example 1 as well.

In regard to the invention of Claim 3, no reasons for rejection have been discovered at this

[Stamp: 5/19/03, Otaru]

time. If reasons for rejection are newly discovered, you will be notified of these reasons for rejection.

End.

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Record of Results of Survey of Prior Art References

- Field surveyed: IPC 7<sup>th</sup> Edition H 03 H 2/10
- Prior Art References: None in particular

This record of the results of a survey of prior art references does not constitute any reason for rejection.

Inquiries: Patent Examination Department 4, Transfer Circuits, extension 6441

整理番号 DP0000076

発送番号 153163

発送日 平成15年 5月13日 1 / 2



## 拒絶理由通知書

特許出願の番号

特願2000-097370

起案日

平成15年 5月 1日

特許庁審査官

清水 稔

8525 5W00

特許出願人代理人

宮▼崎▲ 主税 様

適用条文

第29条第2項

この出願は、次の理由によって拒絶をすべきものである。これについて意見があれば、この通知書の発送の日から60日以内に意見書を提出して下さい。

### 理 由

この出願の下記の請求項に係る発明は、その出願前日本国内又は外国において頒布された下記1～3の刊行物に記載された発明に基いて、その出願前にその発明の属する技術の分野における通常の知識を有する者が容易に発明をすることができたものであるから、特許法第29条第2項の規定により特許を受けることができない。

### 記

請求項1、2に係る発明について

引用例1：特開平6-57451号公報

引用例2：特開平6-116709号公報

引用例2には、均一なエッチングを行うために、イオンガンを基板の成膜面に平行に移動させることが記載されているから、同様な目的のため、引用例2に記載された手法を引用例1に記載された電子部品の周波数調整方法にも用いることは当業者にとって容易である。

請求項4に係る発明について

引用例1：及び

引用例3：特開平1-316472号公報

引用例3には、均一なエッチングを行うために、磁界によりイオンビームの流れの方向を制御し、イオンビームを均等に照射できるようにすること記載されているから、同様な目的のため、引用例3に記載された手法を引用例1に記載された電子部品の周波数調整方法にも用いることは当業者にとって容易である。

請求項3に係る発明については、現時点では、拒絶の理由を発見しない。拒絶



の理由が新たに発見された場合には拒絶の理由が通知される。

以上

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先行技術文献調査結果の記録

- ・調査した分野     I P C 第 7 版     H 0 3 H 2 / 1 0
- ・先行技術文献     特になし。

この先行技術文献調査結果の記録は、拒絶理由を構成するものではない。

お問い合わせ：特許審査第四部伝送回路 内線 6 4 4 1